

Converting Colors

Hex(93E3D6)

Have a look what the booklet for
Hex(93E3D6) contains.

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Color

Hex(93E3D6)

Conversions

Conversions Part 1

Format	Color
Hex	93E3D6
RGB	147, 227, 214
RGB Percent	58%, 89%, 84%
CMY	0.4235, 0.1098, 0.1608
CMYK	0.35, 0.00, 0.06, 0.11
HSL	170°, 59%, 73%
HSV	170°, 35%, 89%
XYZ	51.6393, 65.9963, 73.6352
YIQ	201.5980, -43.5070, -21.0030

Conversions

Conversions Part 2

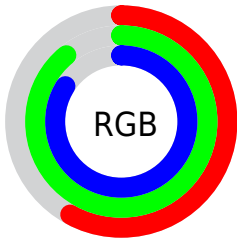
Format	Color
RYB	147, 191, 227
Decimal	9692118
CIELab	84.99, -27.33, -1.42
CIElCh	85, 27.367, 182.981
Yxy	65.9963, 0.2700, 0.3450
Android (android.graphics.Color)	4287882198 (0xFF93E3D6)
YUV	201.5980, 6.1142, -47.8824
Hunter-Lab	81.2381, -28.7024, 3.1255

Details

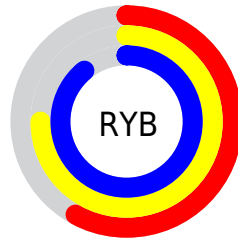
The Hex color **93E3D6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E393A0**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **CCFFFF**, and **5CAB9F** is the 20% darker color. If you saturate the color by 10%, you get **7CE3D2**, and if you desaturate by 10%, it is **AAE3DA**.

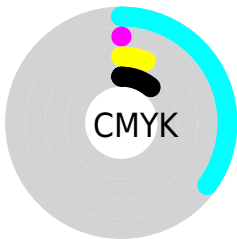
Distribution



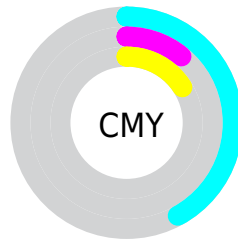
- Red (58%)
- Green (89%)
- Blue (84%)



- Red (58%)
- Yellow (75%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93E3D6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 93E3D6 by changing the saturation by 10% instead.

 93E3D6

 93E3D6

FFFFFF

 77C7BA

 CCFFFF

 5CAB9F

 E9FFFF

 409185

 23776C

 005E54

 00453D

 002F27

 001B13

 000000

 93E3D6

 93E3D6

 7CE3D2

 AAE3DA

 66E3CF

 C0E3DD

 4FE3CB

 D7E3E1

 38E3C7

 EEE3E5

 21E3C4

 FFE3E8

 0BE3C0

 FFE3EC

 00E3BE

 FFE3F0

 FFE3F4

 FFE3F7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ABE1BC



93E3D6



8AE2EF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93E3D6



DCCDFE



FCCBA7

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



93E3D6



E393A0

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC4B9



93E3D6



F8C5EC

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93E3D6



B9D6FF



FFC2D3



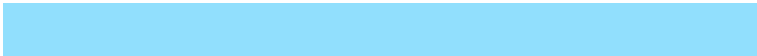
E5D3A1

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93E3D6



91DFFD



FFC2D3



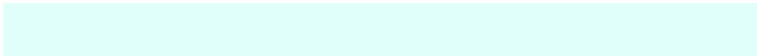
FFC8AC

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



93E3D6



E3FFFA



A0E393



6F807D



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



93E3D6



94FFEE



93C8E3



677371



00B395



00332B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E393A0



FF94A5



E3AE93



736769



B3001D



330008

Previews

White Background



This preview shows how the Hex color 93E3D6 looks on a white background.

Color Contrast Check

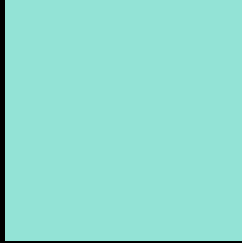
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 93E3D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

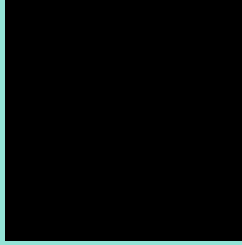
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

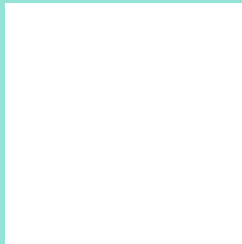
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 93E3D6 Background



This preview shows how black text looks on a background with the Hex color 93E3D6.

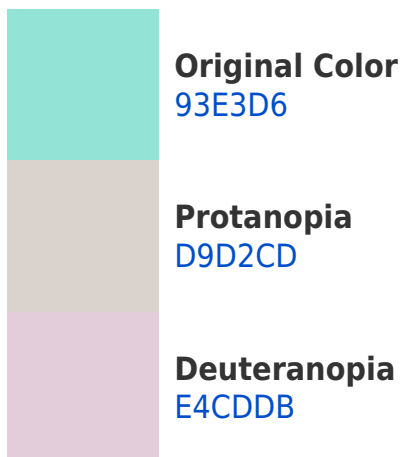


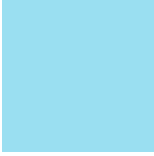
This preview shows how white text looks on a background with the Hex color 93E3D6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
9ADFF1

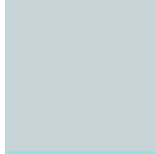
Trichromacy



Original Color
93E3D6



Protanomaly
C0D8D0



Deuteranomaly
C7D5D9

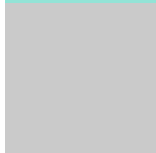


Tritanomaly
97E0E7

Monochromacy



Original Color
93E3D6



Achromatopsia
CACACA



Achromatomaly
B6D3CE

CSS Examples

Text

The CSS property to change the color of the text to Hex 93E3D6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #93E3D6 looks like.

```
.text, #text, p{  
    color:#93E3D6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #93E3D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E3D6  
}
```

Border

The CSS property to change the border of an element to Hex 93E3D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#93E3D6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#93E3D6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #93E3D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E3D6; -webkit-box-shadow:4px 4px  
4px 4px #93E3D6; box-shadow:4px 4px 4px  
4px #93E3D6 }
```

Background

The CSS property to change the background color of an element to Hex 93E3D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E3D6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#93E3D6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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